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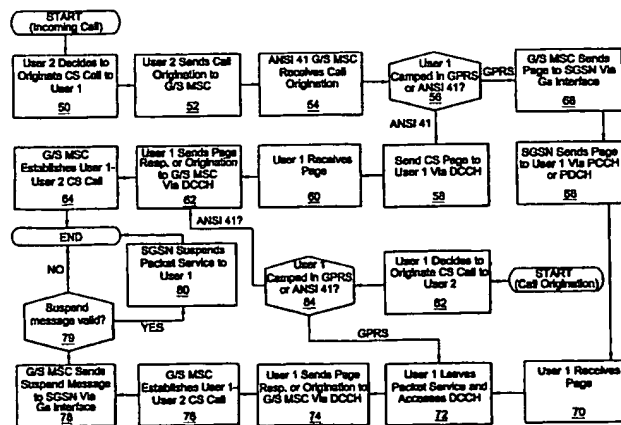
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(54) Title: METHODS AND SYSTEMS FOR SWITCHING TERMINALS FROM PACKET SWITCHED SERVICE TO CIRCUIT SWITCHED SERVICE



(57) Abstract: Systems and methods for suspending packet switched communications in a user terminal that is configured to operate in both a circuit switched network and a packet switched network. The packet switched network is notified via an interface between the packet switched network and the circuit switched network to suspend communications to a user terminal. This may be accomplished by notifying a gateway node in the circuit switched network that the user terminal is no longer registered in the packet switched network, and by then relaying this information from the gateway node to a control node of the packet switched network via the interface between the networks. The suspend message may be sent in response to the circuit switch network receiving a call origination message from the user terminal, or, alternatively, in response to the circuit switch network receiving an incoming call to the user terminal. In this latter situation, the user terminal may be notified of the incoming call via a page, which the user terminal then responds to via a page response that is sent to the circuit switched network.

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 00/19839

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04Q7/22 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 745 695 A (GILCHRIST PHILIP ET AL) 28 April 1998 (1998-04-28) the whole document ---	1,2,7,8, 19 11
X A	WO 97 26764 A (NOKIA TELECOMMUNICATIONS OY ;HUOTARI SEPPA (FI); KARI HANNU H (FI)) 24 July 1997 (1997-07-24) page 2, line 19 -page 8, line 14 page 12, line 6 -page 14, line 18 page 17, line 17 -page 19, line 24 ---	1,2,8,19  11
P,X	WO 00 05907 A (NORTEL NETWORKS CORP) 3 February 2000 (2000-02-03)  page 3, line 27 -page 12, line 29 page 13, line 28 -page 20, line 27; figures --- -/--	1-3,8, 11, 15-17,19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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